



Attorney Docket No. 101948011US

Amendments to the Claims:

Following is a complete listing of the claims pending in the application, as amended:

In the Claims:

2. (Currently Amended) A system for managing the routing of information from a source to a destination through a plurality of networks, wherein at least one of ~~said the~~ networks is a packet network, ~~said the~~ system comprising:

a routing processor for receiving a query signal from ~~said the~~ source via a wireless link, ~~said wherein the query signal specifying~~ said the destination to which said the information will be routed, and wherein the processor is configured to identify a subscriber service associated with the destination; and

a memory for storing ~~at least one one or more~~ characteristics of ~~said the~~ source; ~~said memory storing and at least one one or more~~ characteristics of ~~said the~~ destination;

wherein ~~said the~~ processor determines a route for the transmission of ~~said the~~ information based on ~~said the~~ query signal, based on the identified subscriber service associated with the destination, and based on said the characteristics stored in said the memory, wherein a one of the one or more characteristics of said the destination includes information relating to the equipment at said the destination and wherein the processor or a network element other than the source, packetizes the information sent over the route.

3. (Currently Amended) The system according to claim 2, wherein ~~said the~~ source subscribes to a fixed wireless service network.

4. (Currently Amended) The system according to claim 3, wherein ~~said the~~ destination subscribes to the same fixed wireless service network as ~~said the~~ source.

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5. (Currently Amended) The system according to claim 3, wherein said the destination subscribes to a PSTN service network.

6. (Cancelled)

7. (Currently Amended) The system according to claim 6~~1~~, wherein said the information includes digitized voice information.

8. (Currently Amended) The system according to claim 6~~1~~, wherein said the signal is a DTMF signal.

13. (Currently Amended) A method for managing the routing of information to a destination through a plurality of networks, wherein at least one of said the networks is a packet network, and wherein each network being is linked to at least one other network by a communication medium, said the method comprising the steps of:

receiving a query specifying a destination to which said the information will be routed at a routing processor;

storing ~~at least one~~ one or more characteristics of said the destination; and

identifying a subscriber service associated with the destination; and

if the destination subscribes to a service associated with a wired information

transfer network, determining a route for the transmission of said the

information based on said the query and based on said the one or more

stored characteristics, wherein said the one or more stored characteristics

include information relating to the equipment at said the destination, and

wherein the processor or a network element other than the source,

packetizes the information sent over the route.

14. (Currently Amended) The method according to claim 4~~5~~13, wherein said the ~~step of storing the one or more~~ characteristics ~~includes the step of storing at~~ least one address for said the destination.

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15. (Currently Amended) A method for managing the routing of information to a destination through a plurality of networks, wherein at least one of ~~said~~the networks is a packet network, and wherein each network being is linked to at least one other network by a communication medium, said~~the~~ method comprising ~~the steps of:~~

receiving a query specifying a destination to which ~~said~~the information will be routed at a routing processor;

storing ~~at least one~~one or more characteristics of ~~said~~the destination; and

identifying a subscriber service associated with the destination; and

determining a transmission path for routing the information through the networks,

wherein the determining is based at least in part on:

the received query signal,

the stored characteristics, wherein the stored characteristics include

information relating to the equipment at the destination, and

the identified subscriber service associated with the destination, and

wherein, if the destination subscribes to a service associated with a wired

information transfer network and the equipment at the destination is not

configured to accept information from the source via the wired information

transfer network alone, the determined transmission path comprises at

least one packet network in addition to the wired information transfer

network, and wherein the source does not packetize the information sent

over the determined transmission path.~~determining a route for the~~

~~transmission of said information based on said query and on said stored~~

~~characteristics, wherein said step of determining includes the step of~~

~~identifying the subscriber service of said destination.~~

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16. (Currently Amended) The method according to claim 15 wherein the equipment at the destination comprises a facsimile device. A method for managing the routing of information to a destination through a plurality of networks, wherein at least one of the networks is a packet network and wherein each network is linked to at least one other network by a communication medium, said method comprising the steps of:

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~~receiving a query signal from a source of one of said networks and information concerning at least one characteristic of said destination; and~~
~~determining a transmission path for routing said information through said networks, said transmission path comprising at least one network in addition to said packet network, wherein said step of determining is based on said received query signal and on said received characteristics, wherein said characteristics include information relating to the equipment at said destination.~~

17. (Currently Amended) The method according to claim 15 wherein the equipment at the destination comprises a computer. A method for managing the routing of information to a destination through a plurality of networks, wherein at least one of the networks is a packet network and wherein each network is linked to at least one other network by a communication medium, said method comprising the steps of:

~~receiving a query signal including routing requirements from a source; and~~
~~determining a transmission path for routing said information through said networks, wherein said transmission path comprises network elements of at least one of said networks in addition to network elements of said packet network, wherein said step of determining a transmission path includes the step of identifying the equipment at said destination.~~

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18. (Currently Amended) The method according to claim 15 wherein the equipment at the destination comprises a modem. ~~A method for managing the routing of information to a destination through a plurality of networks, wherein at least one of the networks is a packet network and wherein each network is linked to at least one other network by a communication medium, said method comprising the steps of:~~

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~~receiving a query signal including routing requirements from a source; and
determining a transmission path for routing said information through said
networks, wherein said transmission path comprises network elements of
at least one of said networks in addition to network elements of said
packet network, wherein said step of determining a transmission path
includes the step of identifying the subscriber service of said destination.~~

19. (Cancelled)

20. (Currently Amended) The method according to claim 15 wherein, if the destination subscribes to a service associated with a wired information transfer network and the equipment at the destination is configured to accept information from the source via the wired information transfer network alone, and wherein the determined transmission path does not comprise a packet network in addition to the wired information transfer network. ~~for managing the routing of information to a destination through a plurality of networks, wherein at least one of the networks is a packet network and wherein each network is linked to at least one other network by a communication medium, said method comprising:~~

~~receiving a query signal from a source of one of said networks and information concerning at least one characteristic of said destination; and
determining a transmission path for routing said information through said networks, said transmission path comprising at least one network in addition to said packet network, wherein said step of determining is based on said received query signal and on said received characteristics, wherein said characteristics include information identifying the service to which said destination subscribes.~~

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21. (Currently Amended) The method according to claim 15 wherein, if the destination subscribes to a service associated with a wireless information transfer network, the determined transmission path comprises at least one packet network. ~~A method for managing the routing of information from a subscriber of a fixed wireless service network to a destination through a plurality of networks, wherein at least one of said networks is a packet network and wherein each network is linked to at least one other network by a communication medium, said method comprising:~~

~~receiving a query signal from said subscriber of said fixed wireless service network;~~

~~storing information concerning at least one characteristic of said destination at a routing processor;~~

~~determining a transmission path for routing said information through said networks, said transmission path comprising elements of at least one of said networks in addition to elements of said packet network, wherein said step of determining said transmission path is based on said query and said stored characteristics, wherein said characteristics include information identifying the service to which said destination subscribes; and~~

~~routing said information over said path.~~

22. (Currently Amended) A system for managing the routing of information from a source to a destination through a plurality of networks, wherein at least one of ~~said~~the networks is a packet network, ~~said~~the system comprising:

a routing processor for receiving a query signal from ~~said~~the source, ~~said~~the signal specifying ~~said~~the destination to which ~~said~~the information will be routed;

wherein the processor identifies a subscriber service associated with the destination; and

wherein, if the destination subscribes to a service associated with a wired information transfer network, wherein ~~said~~the processor determines a route for the transmission of ~~said~~the information based on ~~said~~the query

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signal and based on information relating to the form of information receivable by the equipment at saidthe destination, and wherein the source does not packetize the information sent over the route.

23. (Currently Amended) The system according to claim 22, wherein saidthe source subscribes to a fixed wireless service network.

24. (Currently Amended) The system according to claim 23, wherein saidthe destination subscribes to the same fixed wireless service network as saidthe source.

25. (Currently Amended) The system according to claim 23, wherein saidthe destination subscribes to a PSTN service network.

26. (Cancelled)

27. (Currently Amended) The system according to claim 2622, wherein saidthe information includes digitized voice information.

28. (Currently Amended) The system according to claim 2622, wherein saidthe signal is a DTMF signal.

29. (Currently Amended) A method for managing the routing of information to a destination through a plurality of networks, wherein at least one of saidthe networks is a packet network, and wherein each network being is linked to at least one other network by a communication medium, saidthe method comprising:

receiving a query specifying a destination to which saidthe information will be routed at a routing processor;

identifying a subscriber service associated with the destination; and

if the destination subscribes to a service associated with a wired information transfer network; determining a route for the transmission of saidthe information based on saidthe query and on information relating to the

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equipment at said ~~the~~ destination, and wherein the processor or a network element other than the source, packetizes the information sent over the route.

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30. (Currently Amended) The method according to claim 29, wherein said ~~step of storing characteristics includes the step of storing at least one address for said destination~~ the identified service is a wireline service and the equipment at the destination does not include digital capabilities.

31. (Currently Amended) The method according to claim 29 wherein the identified service is a wireline service and the equipment at the destination includes digital capabilities ~~A method for managing the routing of information to a destination through a plurality of networks, wherein at least one of said networks is a packet network, each network being linked to at least one other network by a communication medium, said method comprising:~~

~~receiving a query specifying a destination to which said information will be routed at a routing processor, and~~

~~determining a route for the transmission of said information based on said query and, wherein said step of determining includes the step of identifying the subscriber service of said destination.~~